

IN THE CLAIMS

Please amend the claims as follows:

1. (original) A lamp with
 - a lamp base (14),
 - and a burner (12) with a burner element (L),
 - wherein the burner (12) is fixedly fastened in the lamp base (14),
 - and the lamp base (14) comprises position reference elements (22a, 22b, 22c) for positioning,
 - and wherein contact surfaces are formed at the position reference elements (22a, 22b, 22c) by machining or permanent deformation such that they have a given position with respect to the burner element (L).

2. (original) A lamp as claimed in claim 1, wherein
 - the burner (12) is fastened in the lamp base (14) by means of injection molding, casting, adhesion, locking, or pressing.

3. (currently amended) A lamp as claimed in ~~any one of the preceding claims~~claim 1, wherein
 - the burner element (L) is a discharge vessel in which a gas discharge can be excited between two electrodes.

4. (currently amended) A lamp as claimed in ~~any one of the preceding claims~~claim 1, wherein

- the lamp base (14) comprises a flange (18) from which the position reference elements (22a, 22b, 22c) project.

5. (currently amended) A headlight with

- a lamp (10) as claimed in ~~any one of the preceding claims~~claim 1,
- and a reflector,
- wherein the lamp (10) is mounted to the reflector such that the burner element (L) is inside the reflector,
- and wherein the lamp (10) is positioned with reference to the reflector through contact at least with the contact surfaces of the position reference element (22a, 22b, 22c).

6. (original) A method of manufacturing a lamp with a lamp base (14) comprising position reference elements (22a, 22b, 22c) and with a burner (12) comprising a burner element (L), wherein

- the burner (12) is fastened in the lamp base (14),
- the position of the burner element (L) relative to the position reference elements (22a, 22b, 22c) is determined,
- whereupon a machining operation or a permanent deformation is

applied to the position reference elements (22a, 22b, 22c) such that contact surfaces are formed which define a given position with respect to the burner element (L).

7. (original) A method as claimed in claim 6, wherein

- the contact surfaces at the position reference elements (22a, 22b, 22c) are formed by a bulk-removing treatment, for example milling or melting.

8. (currently amended) A method as claimed in claim ~~6 or 7~~,
wherein

- the burner (12) is indetachably fastened in the lamp base (14) without alignment possibility.